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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY'S DKT NO.  
040071-530APPLICATION NO.  
10/022,737APPLICANT  
Ulf LINDGREN et al.FILING DATE  
December 20, 2001GROUP  
2641

## U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no

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## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
JW	YOSHIDA, Y. et al.: "An algorithm to reconstruct wideband speech from narrowband speech based on codebook mapping", Conf. Proc., ICSLP 94, pp. 1591-1594, Yokohama, Japan, 1994.
JW	EPPS, J. et al.: "Speech enhancement using STC-based bandwidth extension", Conf. Proc. ICSLP, 1998.
JW	MAKHOUL, J. et al.: "High frequency regeneration in speech coding systems", Conf. Proc. ICASSP, pp. 428-431, Washington, USA, 1979.
OW	YASUKAWA, H.: "Quality enhancement of band limited speech by filtering and multirate techniques", Conf. Proc. ICSLP 94, pp. 1607-1610, Yokohama, Japan, 1994.
JW	Voice Activity Detector (VAD) for Adaptive Multi-Rate (AMR) Speech Traffic Channels". GSM 06.94, Ver. 7.1.1, ETSI, 1998.
JW	HESS, W.: "Pitch determination of speech signals". Springer-Verlag, 1983.

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SignatureDate  
Considered

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

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Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
Tw	WO01/56021		PCT	August 2, 2001		
Tw	EP1008984A		Europe	June 14, 2000		

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Initials**

Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

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NILSSON, M. et al.: "Avoiding over-estimation in bandwidth extension of telephony speech", 2001 IEEE International Conference on Acoustics, Speech and Signal Processing. Proceedings (Cat. No. 01CH37221), Salt Lake City, UT, USA, May 7-11, 2001, pages 869-872, Vol. 2, XP002197875 2001, Piscataway, NJ, USA, IEEE, ISBN: 0-7803-7041-4.



EPPS, J.: "Wideband Extension of Narrowband Speech for Enhancement and Coding", September 2000, School of Electrical Engineering and Telecommunications - The University of New South Wales, XP002197876. Retrieved from the Internet: <URL: [www.library.unsw.edu.au/\\*thesis/adt-NUN/uploads/approved/adt-NUN20001018.155146/public/02whole.pdf](http://www.library.unsw.edu.au/*thesis/adt-NUN/uploads/approved/adt-NUN20001018.155146/public/02whole.pdf)> \*, pages 91-102.

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